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Non-Provisional Patent Application

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Orbiting Multi-Rotor Homopolar System

ABSTRACT OF THE DISCLOSURE

10 An orbiting multi-rotor homopolar machine employs axially parallel,
cylindrical, electrically conductive magnets arranged circumferentially around
vertical axis of central stator ring, intimately contacting and engaging non-slip
rolling between rotor magnets and stator. A bearing rotatably secures each end of
each magnet to a corresponding electrically conductive circular endplate, each
slightly wider than the stator. An electrically conductive axle located in the center of
15 the stator rigidly attaches to one of the top circular endplate, and an electrically
insulating bearing means attaches the center of bottom circular endplate to a coaxial
inner cylinder, located between the axle and the stator.